CONTENTS

Foreword

Special Issue: Perspective of COPD Therapy According to JRS Guideline Version 4

Aims of JRS COPD Guidelines 4th ed/Providing State-of-the-art Information

Atsushi Nagai

Dutch Hypothesis Revised by Molecular Biology

Shu Hashimoto, et al.

Regulation of Infection in Chronic Airway Inflammation

Koichiro Matsumoto

Macrophage and Chronic Inflammation in COPD

Naoto Minematsu, Tomoko Betsuyaku

Adaptive Immunity in the Chronic Inflammation in COPD

Masayuki Hanaoka

The Role of Cellular Senescence in Chronic Inflammation of COPD

Takao Tsuji, Kazutetsu Aoshiba

Chronic Obstructive Pulmonary Disease (COPD) and Combined Pulmonary Fibrosis and Emphysema (CPFE)

Minoru Kanazawa

The Search for Common Pathogenesis Underlying Asthma and COPD

Nobuyuki Hizawa

Imaging Findings of Respiratory Dysfunction

Pulmonary Thromboembolism

Shuichiro Maruoka

Review

A Rethinking of Hygiene Hypothesis

Shuichiro Maruoka

Effect of Waon Therapy on Vasospastic Angina

Katsuhisa Ishii

Bedside Teaching

Respiratory Adverse Effects of Biologic Agents for Rheumatoid Arthritis

Yasumi Okochi, Hitoshi Tokuda

Science of ASV

Shin-ichi Momomura

Current Opinion

Treatment of Mycoplasma Pneumoniae Pneumonia

Naoyuki Miyashita